

SAF-RC-001
Industrial Hygiene Sampling
FINAL DATA

NO DISTRIBUTION REQUIRED

COMMENTS:

SDG

06-A-0202

SAF-RC-001

Rad only ☒ Chem only Rad & Chem

☒ Complete Partial

300 Area TSI north of 303J

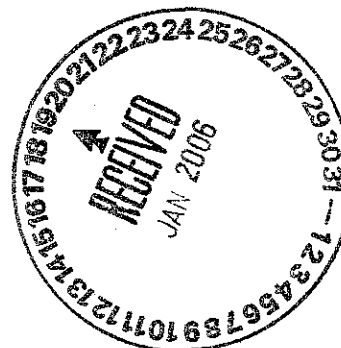
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EDMC



SUBMITTED TO:

Denise Pitts
Washington Closure Hanford
3070 George Washington Way, MSIN L1-07
Richland, WA 99354



REFERENCE DATA:

Client Sample Nos.:	J10X63 through J10WX5
P.O. Number:	Not Available
Sample Location:	300 Area TSI North of 3035
Sample Type:	MCE Air Filters
Method Reference:	Airborne Fibers by Phase Contrast Microscopy (PCM) NIOSH Method 7400, Fourth Edition, (dated 8/15/94)
Date Received:	1/18/2006
DCL Sample Set ID No.:	06-A-0202
DCL Sample Nos.:	06-00998 through 06-01003

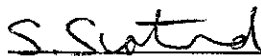
The samples indicated on the following data sheet(s) were analyzed in accordance with the NIOSH Method 7400 outlined in the NIOSH Manual of Analytical Methods (NMAM), Fourth Edition, dated 8/15/94. This method requires that samples have a minimum volume of 400 Liters on a single sample or on consecutive samples and that 2 field blanks (or 10% of the total samples, whichever is greater) be submitted with each set. The results reported are not field blank corrected. Blanks receive a 100-field count, and data are reported as Fibers/Field for use in background correction.

Results are tabulated on the following page(s). Results are reported in Fibers/mm², Fibers per Filter and Fibers/mL (Fibers/cc). Concentrations in Fibers/mL are based on sample volumes or flow rates and times provided by the client. Results for all samples are based on the use of a 0.8-μm pore size, 25-millimeter diameter filter having an effective collection area of 385 mm². Report applies only to portion(s) of sample(s) analyzed. Samples will be disposed of after 60 days unless otherwise instructed.

The limit of detection (LOD) for this method has been determined to be 7 Fibers/mm² for a sample volume of approximately 1200 Liters.

DataChem Laboratories adheres to the QA/QC guidelines set forth in this method that calls for 10% blind replicate analysis. The QA/QC officer maintains all QA/QC data at our laboratory.

DataChem Laboratories is American Industrial Hygiene Association (AIHA) accredited. Laboratory accreditation does not in any way constitute approval or endorsement by AIHA.


Sarah Scotland
Analyst


Anna Marie Ristich
Section Manager

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NOVATO, CALIFORNIA 94945
800 280-8071, FAX 415 893-8469

DataChem Laboratories Phase Contrast Microscopy Test Report

Client: Washington Closure Hanford

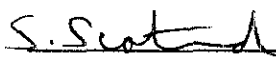
Sample Location: 300 Area TSI North of 3035

P.O. No.: Not Available

ANALYSIS INFORMATION								
Graticule Area (mm ²):	0.00817							
SAMPLE INFORMATION			SAMPLE RESULTS				LOD	
Client Sample Nos.	DCL Nos.	Vol. (L)	Fib/Field	Fib/mm ²	Fib/Filter	Fib/mL	(Fib/mm ²)	(Fib/mL)
J10X63	06-00998	328.00	0.085	10	4,006	0.012	7	0.008
J10X66	06-00999	74.00	0.070	9	3,299	0.045	7	0.036
J10X64	06-01000	206.00	0.085	10	4,006	0.019	7	0.013
J10X65	06-01001	79.00	0.060	7	2,827	0.036	7	0.034
J10WX4	06-01002	NA	0.010	<LOD	<LOD	NA	7	NA
J10WX5	06-01003	NA	0.030	<LOD	<LOD	NA	7	NA

****Comments:** none.

***NOTES:** "NA" indicates no volume was given or the sample is a blank.
All samples counted using the "A" rules.

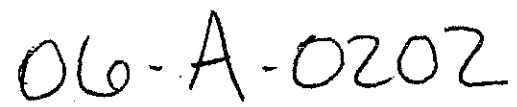


Sarah Scotland
Analyst



Anna Marie Ristich
Section Manager

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[illegible]

Enter on line below the first Sample Number from Page One:

J10x63

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

SIGN / PRINT NAMES / USE MILITARY TIME

Relinquished By/Store:	CLIFFORD BATES Clifford L. Bates 1-16-06 1530	Received By/Store:	1-16-06 LOCKED DRAWER Rm 16 3746 Bldg 1530
Relinquished By/Store:	Golden Malha Golden Malhan 01/17/06 1445	Received By/Store:	RZ Steffler R. J. Steffler 1-17-06 1445
Relinquished By/Store:	RZ Steffler R. J. Steffler wch 1-17-06 1530	Received By/Store:	Fed EX
Relinquished By/Store:	REN B	Received By/Store:	CH 1/18/06 13:15
Relinquished By/Store:		Received By/Store:	
Relinquished By/Store:		Received By/Store:	
Relinquished By/Store:		Received By/Store:	
Relinquished By/Store:		Received By/Store:	
Relinquished By/Store:		Received By/Store:	
LABORATORY SECTION	Received By: CH	Title: RSO	DATE/TIME: 1/18/06 13:15

REVIEWED BY: _____ DATE: _____
 PRINT/SIGN NAME

Enter on line below the first Sample Number from Page One:

J10X63

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			
SIGN / PRINT NAMES / USE MILITARY TIME			
Relinquished By/Stored:	CLIFFORD BATES <i>Clifford L. Bates</i>	DATE / TIME: 1-16-06 1530	Received By/Stored:
	LOCKED DRAWER Rm16 3746 Bldg	1530	DATE / TIME:
Relinquished By/Stored:	Golden Malha Golden Malhan	01/17/06 1445	Received By/Stored:
	RZ Steffler R.Z. Steffler	1-17-06 1445	DATE / TIME:
Relinquished By/Stored:	RZ Steffler R.Z. Steffler w/H	1-17-06 1530	Received By/Stored:
	Fed Ex		DATE / TIME:
Relinquished By/Stored:		DATE / TIME:	Received By/Stored:
			DATE / TIME:
Relinquished By/Stored:		DATE / TIME:	Received By/Stored:
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Relinquished By/Stored:		DATE / TIME:	Received By/Stored:
			DATE / TIME:
LABORATORY SECTION	Received By	Title	DATE / TIME

COPY

REVIEWED BY: _____ DATE: _____

PRINT/SIGN NAME